

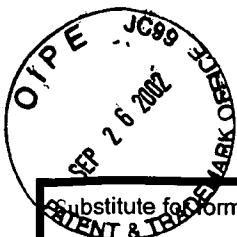
Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		Application Number	09/883,302		
		Filing Date	June 19, 2001		
		First Named Inventor	Jeffrey A. Bedell		
		Art Unit	2152 2171		
		Examiner Name	Unassigned		
Sheet	1	of	5	Attorney Docket Number	53470.003004

## U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No.	DOCUMENT NUMBER Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1				
	2				

## NON-PATENT LITERATURE DOCUMENTS Technology Center 2100

*Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	TRANSLATION	
HA	3	Gupta, Himanshu et al., "Index Selection for OLAP", IEEE 1063-6382, pages 208-219 Date missing	<input type="checkbox"/>	<input type="checkbox"/>
HA	4	Ho, Ching-Tien et al., "Partial Sum Queries in OLAP Data Cubes Using Covering Codes," ACM 0-89791-910-6, pages 228-237	<input type="checkbox"/>	<input type="checkbox"/>
HA	5	Robert C. Stern, Bruce M. Anderson and Craig W. Thompson, A Menu-Based Natural Language Interface To A Large Database, Texas Instruments Incorporated, P. O. Box 660246, MS 238, Dallas, Texas 75266, NAECON: National Aerospace & Electronics Conference, Dayton, Ohio, May 20-24, 1985	<input type="checkbox"/>	<input type="checkbox"/>
HA	6	Harry R. Tennant, Kenneth M. Ross, Richard M. Saenz, Craig W. Thompson, and James R. Miller, Computer Science Laboratory, Central Research Laboratories, Texas Instruments Incorporated, Dallas, Texas, 21st Annual Meeting of the Association for Computational Linguistics, MIT, June, 1983, pp 151-158	<input type="checkbox"/>	<input type="checkbox"/>
HA	7	Harry R. Tennant, Member, IEEE, Roger R. Bate, Member, IEEE, Stephen M. Corey, Lawrence Davis, Paul Kline, LaMott G. Oren, Malipatola Rajinikanth, Richard Saenz, Daniel Stenger, Member, IEEE, and Craig W. Thompson, Software Innovations for the Texas Instruments Explorer Computer, Proceedings of the IEEE, Vol. 73, No. 12, December 1985	<input type="checkbox"/>	<input type="checkbox"/>
HA	8	Craig W. Thompson, Kenneth M. Ross, Harry R. Tennant and Richard M. Saenz, Building Usable Menu-Based Natural Language Interfaces To Databases, Proceedings of the Ninth International Conference on Very Large Data Bases, Florence, Italy, October 31-November 2, 1983, pp 43-55	<input type="checkbox"/>	<input type="checkbox"/>
HA	9	Craig W. Thompson, John Kolts, and Kenneth W. Ross, A Toolkit for Building "Menu-Based Natural Language" Interfaces, Texas Instruments Incorporated, P. O. Box 226015, MS 238, Dallas, Texas 75265, 1985	<input type="checkbox"/>	<input type="checkbox"/>



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Art Unit 2182 217/

Examiner Name Unassigned

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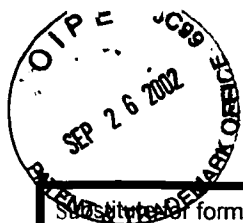
HA	10	Craig Warren Thompson, M.A., B.A., Using Menu-Based Natural Language Understanding to Avoid Problems Associated with Traditional Natural Language Interfaces to Databases, Dissertation Presented to the Faculty of the Graduate School of The University of Texas at Austin, May 1984	<input type="checkbox"/>	<input type="checkbox"/>
HA	11	<del>Business Objects User's Guide Version 5.1 (electronic copy on enclosed CD)</del>	<input type="checkbox"/>	<input type="checkbox"/>
HA	12	<del>Getting Started with Business Objects Version 5.1 (electronic copy on enclosed CD)</del>	<input type="checkbox"/>	<input type="checkbox"/>
HA	13	<del>Business Objects Deployment Guide (electronic copy on enclosed CD)</del>	<input type="checkbox"/>	<input type="checkbox"/>
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HA	15	<del>Business Objects 5.1 (electronic copy on enclosed CD)</del>	<input type="checkbox"/>	<input type="checkbox"/>
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HA	17	<del>Business Objects Designer's Guide Version 5.1 (electronic copy on enclosed CD)</del>	<input type="checkbox"/>	<input type="checkbox"/>
HA	18	<del>Business Objects Error Message Guide Version 5.1 (electronic copy on enclosed CD)</del>	<input type="checkbox"/>	<input type="checkbox"/>
HA	19	<del>Business Objects Generic ODBC Access Guide Version 5.1 (electronic copy on enclosed CD)</del>	<input type="checkbox"/>	<input type="checkbox"/>
HA	20	<del>Business Objects Info View User's Guide (electronic copy on enclosed CD)</del>	<input type="checkbox"/>	<input type="checkbox"/>
HA	21	<del>Business Objects Installation and Upgrade Guide (electronic copy on enclosed CD)</del>	<input type="checkbox"/>	<input type="checkbox"/>
HA	22	<del>Business Objects MS Access Database Guide Version 5.1 (electronic copy on enclosed CD)</del>	<input type="checkbox"/>	<input type="checkbox"/>

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Sheet	3	of	5	Attorney Docket Number		53470.003004		
<b>NON-PATENT LITERATURE DOCUMENTS</b>								
HA	23	Business Objects MS SQL Server Database Guide Version 5.1 (electronic copy on enclosed CD)					<input type="checkbox"/>	<input type="checkbox"/>
HA	24	Business Objects Supervisor's Guide Version 5.1 (electronic copy on enclosed CD)					<input type="checkbox"/>	<input type="checkbox"/>
HA	25	GIS/LIS'88 Proceedings accessing the world, Vol. 2 pp. 741-750					<input type="checkbox"/>	<input type="checkbox"/>
HA	26	Quick Start MicroStrategy Agent Version 6.0 (electronic copy on enclosed CD)					<input type="checkbox"/>	<input type="checkbox"/>
HA	27	User Guide MicroStrategy Agent Version 6.0 (electronic copy on enclosed CD)					<input type="checkbox"/>	<input type="checkbox"/>
HA	28	User Guide MicroStrategy Architect Version 6.0 (electronic copy on enclosed CD)					<input type="checkbox"/>	<input type="checkbox"/>
HA	29	User Guide MicroStrategy Objects Version 6.0 (electronic copy on enclosed CD)					<input type="checkbox"/>	<input type="checkbox"/>
HA	30	Excel Add-In MicroStrategy Objects Version 6.0 (electronic copy on enclosed CD)					<input type="checkbox"/>	<input type="checkbox"/>
HA	31	User Guide MicroStrategy Intelligence Server Version 6.0 (electronic copy on enclosed CD)					<input type="checkbox"/>	<input type="checkbox"/>
HA	32	User Guide MicroStrategy Administrator Version 6.0 (electronic copy on enclosed CD)					<input type="checkbox"/>	<input type="checkbox"/>
HA	33	Administrator Guide MicroStrategy Administrator Version 6.5 (electronic copy on enclosed CD)					<input type="checkbox"/>	<input type="checkbox"/>
HA	34	Blum (1987) = Blum, Diamond, Hammon, Perkins, and Semmel, "An Intelligent Navigational Assistant for a Decision Resource Database," Proceedings of the Third Annual Expert Systems in Government Conference, pp. 19-25 (1987)					<input type="checkbox"/>	<input type="checkbox"/>

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	09/883,302
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Sheet	4	of	5	Attorney Docket Number	53470.003004

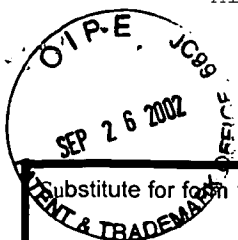
### NON-PATENT LITERATURE DOCUMENTS

HA	35	Blum (1988) =Blum, Semmel & Sigillito, "Navigating through Complex Databases: A Case Study," Application of Artificial Intelligence to Command & Control Systems, pp. 380-396 (1988)	<input type="checkbox"/>	<input type="checkbox"/>
HA	36	1990 Brio DataPrism Reference Manual, Version 1.0 for Apple Macintosh Computers	<input type="checkbox"/>	<input type="checkbox"/>
HA	37	1991 Brio DataPrism Reference Manual Update, Version 1.1 for Apple Macintosh Computers	<input type="checkbox"/>	<input type="checkbox"/>
HA	38	1990 Brio DataPrism User's Guide, Version 1.1 Update for Apple Macintosh Computers	<input type="checkbox"/>	<input type="checkbox"/>
HA	39	1991 Brio DataPrism Update, Version 1.7 for Apple Macintosh Computers	<input type="checkbox"/>	<input type="checkbox"/>
HA	40	1987 Metaphor Query Tutorial	<input type="checkbox"/>	<input type="checkbox"/>
HA	41	1988 Workstation Tools Training, Metaphor	<input type="checkbox"/>	<input type="checkbox"/>
HA	42	1989 Metaphor Database Administration, Release 9.0	<input type="checkbox"/>	<input type="checkbox"/>
HA	43	1989 Metaphor Database Administration DBA Tool	<input type="checkbox"/>	<input type="checkbox"/>
HA	44	1990 Metaphor Query Tutorial	<input type="checkbox"/>	<input type="checkbox"/>
HA	45	<del>SkipperSQL 2.0 User's Manual (translation)</del>	<input type="checkbox"/>	<input type="checkbox"/>
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Examiner Name	Unassigned <del>HA</del> TC
Attorney Docket Number	53470.003004

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HA	48	Skinner SQL 2.06 Infocenter Manager's Guide Technology Center 2100	<input checked="" type="checkbox"/>	<input type="checkbox"/>
HA	49	Bipin C. Desai et al., "A portable natural language interface," AFIPS Conference Proceedings, Vol. 56, 1987, National Computer Conference, pp. 53-58	<input type="checkbox"/>	<input type="checkbox"/>
HA	50	Arthur J. Benjamin et al., "A visual Tool For Managing Relational Databases," IEEE Int. Conference On Data Engineering, 1986, pp. 661-668	<input type="checkbox"/>	<input type="checkbox"/>
HA	51	X. Wu et al., "KDA: A Knowledge-based Database Assistant," Proceedings Fifth International Conference on Data Engineering, 1989, pp. 402-409	<input type="checkbox"/>	<input type="checkbox"/>
HA	52	G. Jakobson et al., "An Intelligent Database Assistant," IEEE Expert, 1986, pp. 65-79	<input type="checkbox"/>	<input type="checkbox"/>
HA	53	Tadao Ichikawa et al., "ARES: A Relational Database with the Capability of Performing Flexible Interpretation of Queries," IEEE Transactions On Software Engineering, Vol. SE-12, No. 5, May 1986, pp. 624-634	<input type="checkbox"/>	<input type="checkbox"/>
HA	54	I. Androutsopoulos et al., "Natural Language Interfaces to Databases - An Introduction," arXiv:cmp-lg/9503013, Vol. 2, March 16, 1995, pp.1-50	<input type="checkbox"/>	<input type="checkbox"/>
HA	55	Eva M. Mueckstein, "Semantic interpretation of a database query language," Data & Knowledge Engineering 1, 1985, pp. 123-138	<input type="checkbox"/>	<input type="checkbox"/>
HA	56	S. L. Booth et al., "A Robust Natural Language Interface to a Decision Support System," Conference on Software Tools, 1985, pp. 229-236	<input type="checkbox"/>	<input type="checkbox"/>
HA	57	Richard Hull et al., "Semantic Database Modeling: Survey, Applications and Research Issues," ACM Computing Surveys, Vol. 19, No. 3, September 1987, pp. 201-260	<input type="checkbox"/>	<input type="checkbox"/>
HA	58	Michael D. Gould et al., "Spatial Decision Support Systems: A Bibliography," National Center for Geographic Information and Analysis, Technical Paper 919, June 1991, 17 pages	<input type="checkbox"/>	<input type="checkbox"/>
HA	59	Max J. Egenhofer et al., "Query Languages for Geographic Information Systems," National Center for Geographic Information & Analysis, Report 90-12	<input type="checkbox"/>	<input type="checkbox"/>

EXAMINER SIGNATURE

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3-20-04

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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.